

WHAT IS CLAIMED IS:

1. An image pickup apparatus comprising:

a detecting device adapted to detect the quantity of variation resulting from the rotation of a ring member;

5 a lens shifting control device adapted to shift/stop image pickup lenses in the direction of their optical axis on the basis of the result of detection by said detecting device; and

a power supply control device adapted to change the state of power supply to said detecting device according to the mode of use.

2. The image pickup apparatus according to Claim 1 wherein said power supply control device prohibits power supply to said detecting device when in the automatic focusing mode.

3. The image pickup apparatus according to Claim 2 wherein said power supply control device permits power supply to said detecting device in a focusing-locked state when in the automatic focusing mode.

4. The image pickup apparatus according to Claim 1 wherein said power supply control device prohibits power supply to said detecting device when in the viewing mode.

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5. The image pickup apparatus according to Claim 1 wherein said ring member is provided concentrically with the optical axis of said lenses.

5 6. A power supply control method for an image pickup apparatus having a detecting device adapted to detect the quantity of variation resulting from the rotation of a ring member, and a lens shifting control device adapted to shift/stop image pickup lenses in the direction of their
10 optical axis on the basis of the result of detection by said detecting device,

the method having a control step of changing the state of power supply to said detecting device according to the mode of use.

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7. The power supply control method according to Claim 6 wherein said control step prohibits power supply to said detecting device when in the automatic focusing mode.

20 8. The power supply control method according to Claim 6 wherein said control step permits power supply to said detecting device in a focusing-locked state when in the automatic focusing mode.

25 9. The power supply control method according to Claim 6 wherein said control step prohibits power supply to said detecting device when in the viewing mode.

10. The power supply control method according to Claim 6 wherein said ring member of said image pickup apparatus is provided concentrically with the optical axis of said lenses.

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11. A recording medium having stored thereon a control program for controlling power supply to an image pickup apparatus having a detecting device adapted to detect the quantity of variation resulting from the rotation of a ring member, and a lens shifting control device adapted to shift/stop image pickup lenses in the direction of their optical axis on the basis of the result of detection by said detecting device, wherein:

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said control program has codes of a control step of

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changing the state of power supply to said detecting device according to the mode of use.